

The following claims are presented for examination:

1. (currently amended) A device for supplying uninterruptible power, said device comprising:

input connections (90, 91) for connection to a primary DC voltage supply device (230);

connections (190, 191) for connecting a standby power source (60);

first output connections (100, 101) for connecting a load (220);

a device (20) for decoupling the input connections (90, 91) from the first output connections (100, 101) in the event of a fault in the primary DC voltage supply device (230);

a first controllable switching device (40) for connecting the standby power source (60) to the first output connections (100, 101) in a controlled manner in the event of a fault in the primary DC voltage supply device; and

a control device (31) which is assigned to the first controllable switching device (40); characterized in that

the first controllable switching device (40) has a first power transistor (41, 42)

having a gate, a drain and a source terminal,

a monitoring device (30) is provided for monitoring the output current flowing through the first power transistor (41, 42) **and is directly electrically connected to the drain and source terminals of the first power transistor,** and

the control device (31) **is directly electrically connected to the gate terminal of the first power transistor and** is designed to pulse-width-modulate the first power transistor (41, 42) on the basis of the current being monitored in order to limit the current which can be provided by the standby power source (60).

2. (original) The device for supplying uninterruptible power as claimed in claim 1, characterized in that the standby power source (60) is rechargeable.

3. (previously presented) The device for supplying uninterruptible power as claimed in claim 2, characterized in that a device (70) for blocking a current, which is provided by the primary DC voltage supply device (230), to the standby power source (60) is provided in series with the first power transistor (41, 42).

4. (previously presented) The device for supplying uninterruptible power as claimed in claim 2, characterized by a smoothing capacitor (80) which is connected between the first output connections (100, 101).

5. (previously presented) The device for supplying uninterruptible power as claimed in claim 2, characterized in that a charging device (50) which can be controlled by the control device (31) is connected between the standby power source (60) and the input connections (90, 91).

6. (previously presented) The device for supplying uninterruptible power as claimed in claim 1, characterized in that a parallel circuit comprising a diode (21) and a second controllable switching device (22) forms the device (20) for decoupling, in that the monitoring device (30) is designed to monitor an input voltage, and in that the control device (31) disconnects the second controllable switching device (22) when the input voltage being monitored signals a fault in the primary DC voltage supply device (230).

7. (previously presented) The device for supplying uninterruptible power as claimed in claim 6, characterized in that the second controllable switching device (22) is a second power transistor.

8. (previously presented) The device for supplying uninterruptible power as claimed in claim 6, characterized by a current-limited supply output (130) which is connected in parallel with the first output connections (100, 101).

9. (currently amended) The device for supplying uninterruptible power as claimed in claim 8, characterized by a third controllable switching device (120) for connecting and disconnecting a state signaling device (200, 210) which can be connected to a second output connection (160, 170) that is assigned to the third controllable switching device (120), a ~~third output connection (140) which connection contact (140) that~~ is assigned to the third controllable switching device (120) being arranged at a predetermined distance from the current-limited supply output (130).

10. (currently amended) The device for supplying uninterruptible power as claimed in claim 9, characterized by a predefined contact bridge (150) for short-circuiting the current-limited supply output (130) and the ~~third output connection connection contact~~ (140).

11. (previously presented) The device for supplying uninterruptible power as claimed in claim 9, characterized in that the third controllable switching device (120) is a relay.

12. (currently amended) A device for supplying uninterruptible power, said device comprising:

input connections (90, 91) for connection to a primary DC voltage supply device (230);

connections (190, 191) for connecting a standby power source (60);

output connections (100, 101) for connecting a load (220);

a device (20) for decoupling the input connections (90, 91) from the output connections (100, 101) in the event of a fault in the primary DC voltage supply device (230);

a first controllable switching device (40) for connecting the standby power source (60) to the output connections (100, 101) in a controlled manner in the event of a fault in the primary DC voltage supply device (230); and

a control device (31) which is assigned to a second controllable switching device (22);

characterized in that

a parallel circuit comprising a diode (21) and the second controllable switching device (22) forms the device (20) for decoupling,

the second controllable switching device is a power transistor having a gate, a drain, and a source terminal,

a monitoring device (30) is provided for monitoring an input voltage **and is directly electrically connected to the drain and source terminals of the power transistor,** and

the control device (31) **disconnects is directly electrically connected to the gate terminal of the power transistor and is designed to disconnect** the second

controllable switching device (22) when the input voltage being monitored signals a fault in the primary DC voltage supply device (230).

13. (canceled)

14. (currently amended) A device for supplying uninterruptible power, said device comprising:

input connections (90, 91) for connection to a primary DC voltage supply device (230);

connections (190, 191) for connecting a standby power source (60);

first output connections (100, 101) for connecting a load (220);

a device (20) for decoupling the input connections (90, 91) from the output connections (100, 101) in the event of a fault in the primary DC voltage supply device (230);

a first controllable switching device (40) for connecting the standby power source (60) to the output connections (100, 101) in a controlled manner in the event of a fault in the primary DC voltage supply device (230), **the first controllable switching device comprising a power transistor;**

a control device (31) which is assigned to the first controllable switching device (40), **the control device being directly electrically connected to the gate terminal of the power transistor;** and

a supply output which is connected in parallel with the first output connections (100, 101) and whose current is limited by a current limiter (110) resulting in a current-limited supply output (130).

15. (currently amended) The device for supplying uninterruptible power as claimed in claim 14, characterized by a second controllable switching device (120) for connecting and disconnecting a state signaling device (200, 210) which can be connected to a second output connection (160, 170) that is assigned to the second controllable switching device (120, 122), a ~~third output connection (140) which connection contact (140) that~~ is assigned to the second controllable switching device (120, 122) being arranged at a predetermined distance from the current-limited supply output (130).

16. (currently amended) The device for supplying uninterruptible power as claimed in claim 15, characterized by a predefined contact bridge (150) for short-circuiting the current-limited supply output (130) and the ~~third output connection connection contact~~ (140).

17. (previously presented) The device for supplying uninterruptible power as claimed in claim 15, characterized in that the second controllable switching device (120) is a relay.

18. (previously presented) The device for supplying uninterruptible power as claimed in claim 17, characterized in that the second controllable switching device (120) is a changeover relay.